

MAY-03-2004 10:04

WELLS ST JOHN PS

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P.84

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE				ATTY. DOCKET NO. PC-01	SERIAL NO. 1048471	
LIST OF ART CITED BY APPLICANT (See Standard Claims & Remarks)				APPLICANT WELLS ST JOHN PS		
				STRIKE DATE 10/03/00	08/11/02 ALL	
U.S. PATENT DOCUMENTS						
Category Number	Reference Number	Date	Page	Class	Section	Using Prior Appropriation
AA	2,942,044	18/04/02	Sheet 01 of 1			
AB						
AT						
AD						
AB						
AP						
AC						
AI						
FOREIGN PATENT DOCUMENTS						
Category Number	Date	Country	Class	Section	Translation Yes No	
AM 071,971	07/1982	US			Yes	No
AM 62,139,920,111	07/1997	FR				
AD 091503	10/04/1999	EP				
AP						
AO						
OTHER REFERENCES (including Author, Title, Date, Periodical, Page, Etc.)						
AB	"Technology of Polymers" Library, CRC Press Vol. 24-70, pp. 8-11, and 18-19. <i>1998</i>					
AB						
AT						
MANAGER	SACRED MARY MARY					
EXAMINER: (Initials) is responsible for considering whether or not this application is in conformity with 35 U.S.C. Sec. 101. The examiner is responsible for maintaining the application and for determining whether or not to grant a patent.						

6/26/06

start 1 of 1

PAGE 431\* RCVD AT 5/3/2004 12:48:31 PM [Eastern Daylight Time]\* SVR:USPTO-EXRF-1/0 \* DHIS:8729306 \* CSID:5098383424 \* DURATION (mm:ss):07:52

Circular

Sheet 1 of 4

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE				ATTY. DOCKET NO. PC1-051	PRIORITY SERIAL NO. 09/966,158		
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Yachi Iizuka, et al.			
				PRIORITY FILING DATE 9/26/2001	PRIORITY GROUP 1621		
U.S. PATENT DOCUMENTS							
Examiner (initial)		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
<i>Sh</i>	AA	2,494,054	01/50	Simons, et al.			
	AB	2,003,706	06/35	H.W. Daudt, et al.			
	AC	2,003,707	06/35	H.W. Daudt, et al.			
	AD	2,576,823	11/51	A.P. Denning, et al.			
	AE	2,697,124	12/54	R.M. Mantell, et al.			
	AF	2,900,423	03/59	L.B. Smith, et al.			
	AG	2,942,036	06/60	L.B. Smith, et al.			
	AH	1,259,500	06/65	P.W. Swamer, et al.			
	AI	1,435,430	04/69	L.E. Hallie, et al.			
	AJ	3,636,173	01/72	L.E. Gardner			
	AK	3,803,241	04/74	I. Soltin, et al.			
	AL	4,158,023	06/79	von Halasz			
	AM	5,043,491	08/91	Webster, et al.			
	AN	5,057,634	10/91	Webster, et al.			
<i>Sh</i>	AO	5,068,472	11/91	Webster, et al.			
	AP	5,068,473	11/91	Kellner, et al.			
FOREIGN PATENT DOCUMENTS							
Examiner (initial)		Document Number	Date	Country	Class	Subclass	Translation
							Yes
<i>Sh</i>	AQ	1,162,511	03/91	CA			
	AR	2,081,813	10/92	CA			
	AS	0 349 115 A1	01/90	EP			
<i>Sh</i>	AT	0 434 407 A1	06/91	EP			
	AU	0 442 075 B1	08/93	EP			
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)							
<i>Sh</i>	AV	Herbert O. House, "Catalytic Hydrogenation and Dehydrogenation," Modern Synthetic Reactions, 2nd ed., The Benjamin/Cummings Publishing Company (Menlo Park, CA), p. 16, 1983.					
EXAMINER <i>Sh</i>			DATE CONSIDERED <i>6/26/86</i>				
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>							

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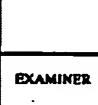
Considered

Form PTO-1449 <b>U.S. DEPARTMENT OF COMMERCE</b> <b>PATENT AND TRADEMARK OFFICE</b> <b>LIST OF ART CITED BY APPLICANT</b> <small>(Use several sheets if necessary)</small>				ATTY. DOCKET NO. PC3-051		PRIORITY SERIAL NO. 09/666,158	
				APPLICANT Yoshiaki Iitubo, et al.			
				PRIORITY FILING DATE 9/28/2001		PRIORITY GROUP 1631	
<b>U.S. PATENT DOCUMENTS</b>							
Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	AA						
<b>FOREIGN PATENT DOCUMENTS</b>							
		Document Number	Date	Country	Class	Subclass	Translation
	AB	99/02851	12/99	WO			Yes
	AC	428,361	09/10	UK			No
	AD	428,445	09/15	UK			
	AE	458,447	08/17	UK			
	AP	790,335	02/58	UK			
	AO	1,077,932	08/57	UK			
	AH	1,359,023	07/74	UK			
	AJ	1,378,933	11/80	UK			
	AJ						
<b>OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)</b>							
	AK	J. Kvicala, et al., "Preparation of Perhalogenated Chlorofluorocarbons by Halogen Exchange in the Liquid and Vapour Phases and Their Isomer Analyses by <sup>19F</sup> NMR Spectroscopy," <i>Journal of Fluorine Chemistry</i> , Elsevier Sequoia (Netherlands), p. 153-173, (February 3, 1989).					
	AL	F.J. McMillie, et al., "Methods for the Introduction of Hydrogen into Fluorinated Compounds," <i>Fluorine Chemistry Reviews</i> , 1 <sup>st</sup> ed., Vol. 1, (No. 2), p. 315-358, (February 3, 1967).					
	AM	Mark D. Cimino et al., "An Integrated Approach to Achieve Low Environmental Impacts in the Special Hazards Fire Suppression Industry," Great Lakes Chemical Corporation (West Lafayette, Indiana), p. 1-8, (1989).					
	AN	Vluchkov A. Petrov, et al., "Isomerization of Halopolychlorofluorocarbons by the Action of Aluminium Chlorofluoride," <i>Journal of Fluorine Chemistry</i> , Elsevier Science S.A. (Netherlands), p. 125-130, (February 3, 1992).					
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	AP	Albert L. Henne, et al., "Fluorinated Derivatives of Propene and Propylene," p. 495-497, (March 5, 1946).					
EXAMINER			DATE CONSIDERED	6/28/06			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Sheet 4 of 4

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE				ATTY. DOCKET NO. PC3-001	PRIORITY SERIAL NO. 09/064,158		
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Yoshi Iitoba, et al.			
				PRIORITY FILING DATE 9/28/2001	PRIORITY GROUP 1621		
U.S. PATENT DOCUMENTS							
*Examiner Initials		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	AA						
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation
	AB						Yes
	AC						No
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)							
	AK	Kirk-Othmer, "Encyclopedia of Chemical Technology," Catalyst, 3rd ed., John Wiley & Sons (New York), p. 16-18, 1985.					
		AL	Milos Hodický, "Chemistry of Organic Fluorine Compounds; A Laboratory Manual with Comprehensive Literature Coverage, 2nd ed., Ellis Horwood (New York), p. 170-179, (February 8, 1992).				
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		AN					
		AO					
		AP					
EXAMINER 		DATE CONSIDERED 6/26/06					
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

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Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. PC3-051	SERIAL NO. 10/598,731
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)		APPLICANT: Yutichi Kubo, et al			
		FILING DATE October 31, 2003		GROUP 1821	
OTHER REFERENCES, CON'T. (including Author, Title, Date, Pertinent Pages, Etc.)					
AA	Bunkard, Robert E., "When It Comes to Fire Protection - Speed Counts," Automotive Industry Agenda, March 2002, one page				
AB	Mike Bennett, "Halon Replacement for Aviation Systems," International CFC and Halon Alternatives Conference, September 28 through October 1, 1992, Washington, D.C., pages 687-672				
AC	Thornton, Al, "FM-200, A Unique Fire Fighting Agent," 1997 Taipei International Conference on Ozone Layer Protection, December 10, 1997, 10 pages				
The Appeal Decision in invalidation action for Patent No. 2580075, 10 pages (translation), 1963					
AD	International Fire Protection, "Great Lakes Chemical Corporation - Company Profile," An MDM Publication, Issue 4, Nov/Dec 2000, 4 pages				
	<a href="http://www.g1.greatlakes.com/Adv/producs/10/Articles.asp">http://www.g1.greatlakes.com/Adv/producs/10/Articles.asp</a> "Airports and Satellite Installations Protected by FM-200," "Healthcare Facilities Protected by FM-2009 Waterless Fire Protection Systems," "Museums and Cultural Landmarks protected by FM-2009," and "Casino Properties Protected by FM-2009," 1995				
AE	Nimitz, et al., "Halocarbons as Halon-Replacements: Technology Review and Initiative," New Mexico Engineering Research Institute, University of New Mexico, Final Report, March 1991, 141 pages				
AF	'A Review of the Toxic and Asphyxiating Hazards of Clean Agent Replacements for Halon 1301,' A Report by the Halon Alternatives Group, February 1995, 22 pages				
AG	Hart-Winchester, "A Burning Issue: What Products Will Replace Halon 1301?" The Computer Operations Manager, March/April 1995, pages 13-18				
AH	Maranghides, et al., "Discharge System Modifications: Real Scale Halon 1301 Replacement Testing," Halon Options Technical Working Conference, Albuquerque, New Mexico, May 7-9, 1996, 12 pages				
AI	Ellis, "Pleasure Boat Fire Extinguisher Choices," Burgess 28, November 1996				
AJ	'Scientific Assessment of Stratospheric Ozone: 1989', sponsored by the United Nations Environmental Program				
AK	NFPA Fire Protection Assoc., Boston, "Fire Protection Handbook" 14 <sup>th</sup> ed., 2001, Sec 13/Chap 4, pp. 13-20 to 13-28				
AL	Fukaya+, Journal of Fluorine Chemistry, "Fire Extinguishing Ability of Perfluoroalkylarines and...., 2000, pp. 143-148				
AM	Bums+, "Fluorine Compounds in Anaesthesia", 1992, Vol. 37, pp. 278-284				
AN					
AO					
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AQ					
AR					
AS					
EXAMINER <i>[Signature]</i>	DATE CONSIDERED <i>4/26/06</i>				

**EXAMINER:** Consider reference considered, whether or not citation is in conformance with MPEP 600; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEOCT 02 2003 LIST OF ART CITED BY APPLICANT  
(Use several sheets if necessary)ATTY. DOCKET NO.  
PC3-061SERIAL NO.  
10/698,731APPLICANT  
Yuichi Iikubo, et al.FILING DATE  
October 31, 2003GROUP  
1621

## U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	AA						
	AB						
	AC						
	AD						
	AE						

## FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	AF	GB 2,370,768	07/02	UK			X	
	AG	WO 02/40102 A2 & A3	05/02	PCT			X	
	AH	WO 02/078788 A2 & A3	10/02	PCT			X	
	AI	WO 02/078790 A2 & A3	10/02	PCT			X	
	AJ	PCT/US2004/ 011563	04/04	International Search Report				

## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)

	AK	Derwent Publications, Ltd., Abstract; SU715092, February 15, 1980; 1 page
	AL	
	AM	
	AN	

EXAMINER DATE CONSIDERED

10/26/06

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